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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1-8 (previously presented):

1. An infrared burner assembly comprising an air aspirated nozzle, a compressor to provide air under pressure to said air aspirated nozzle, a fuel supply to supply liquid fuel at ambient pressure to said air aspirated nozzle, said liquid fuel being introduced to said air aspirated nozzle in liquid form, a metering valve interposed between said liquid fuel supply and said air aspirated nozzle, said metering valve being adjustable during operation of said burner assembly to increase or decrease the liquid fuel supplied to said air aspirated nozzle from said liquid fuel supply, said fuel and said air being combusted within a burner immediately adjacent to and downstream from said air aspirated nozzle.

2. An infrared burner assembly as in claim 1 and further comprising a regulator interposed between said metering valve and said fuel supply.

3. An infrared burner assembly as in claim 2 wherein said metering valve is manually adjustable.

4. An infrared burner assembly as in claim 3 wherein said regulator is a zero pressure regulator.

5. An infrared burner assembly as in claim 4 wherein said fuel supply is a fuel tank.

6. An infrared burner assembly as in claim 5 wherein said compressor is operatively connected to said fuel tank thereby to create a suction in said fuel tank.

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7. An infrared burner as in claim 6 and further comprising a valve interposed between said compressor and said fuel tank, said valve having a first and a second position, said first position allowing vacuum from said compressor to be applied to said fuel tank, said second position isolating said compressor from said fuel tank.

8. An infrared burner as in claim 7 and further comprising a valve interposed between said metering valve and said nozzle, said valve having a first and a second position, said first position allowing fuel to pass to said air aspirated nozzle and said second position isolating said air aspirated nozzle from said fuel tank.

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